MINERAL SURVEY No. 3559

ARIZONA Land District. FIELD NOTES OF THE SURVEY OF THE MINING CLAIM OF M.E. Brooke KNOWN AS THE COPPER REEF lode Globe Mining District, Gila County, Arizona, approximately in . Section 22 , Township 1 N., Range 14 E., G. & S.R.B.& M., unsurveyed, in the Crook National Forest Surveyed under instructions dated May 22, , 1919 by Edwin T. Stewart U. S. Mineral Surveyor. Claim located See location notice , 1913. Survey commenced May 26, 1919 Survey completed May 27, 1919 Address of claimant M.E. Brooke, Hotel Adams, Phoenix, Arizona. DATES OF AMENDED LOCATIONS.

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Mineral Survey No. 3559.

Copper Reef. lode.

Feet.

Beginning at Cor. No. 1, identical with S.E.Cor. of the location.

A pine post, 3.5 ft. long, 4 ins. sq., with neil at the exact corner, set 18 ins. in the ground, with mound of earth and stone, scribed 1-C R -3559, whence

U.S.L.M. No. 2652 bears S.48°-47'-10"E. 2570.1 ft.

A cedar tree, 16 ins. in diameter, blazed and scribed cross B.T. 3559, bears N.75°-24'W. 88.9 ft.

No other bearings available.

Thence N. 86°-45'W.

313.7 To S.W.E.C. monument of the location, from which the discovery cut bears N.20°-18'E. 144.0 ft.

A mound of stone, 4 ft. base, 3.5 ft. high.

561.4 To Cor. No. 2, identical with S.W.Cor. of the location.

A pine post, 3.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of earth and stone, scribed 2-C R-3559.

No bearings available.

Thence N. 17°-34 'E.

1322.3 To Cor. No. 3, identical with N.W. Cor. of the location.

A dacite stone, 8 x 8 x 26 ins., with cross at the exact corner, set 12 ins. in the ground, with mound of stone alongside, chiseled 3-C R -3559.

No bearings available.

Thence S.86°-45'E.

313.7 To N.E.E.C. monument of the location.

A mound of stone, 3.5 ft. base, 3.5 ft. high.

566.0 To Cor. No. 4, identical with N.E.Cor. of the location.

A dacite boulder showing 2.5 x 2.5 x 7 ft. out of the ground, with cross at the exact corner and mound of stone alongside, chiseled 4-C R-3559.

No bearings available.

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Thence S.12°-30'W.

432.3 To Cor. No. 5, identical with monument of the location. A dacite boulder showing 5 x 5 x 11 ft. out of the ground, with 3/4 inch drill hole at the exact corner, and mound of stone alongside, chiseled 5-C R -3559. No bearings available.

Thence S. 20°-18'W.

893.9 To Cor. No. 1, the place of beginning. Mean magnetic variation at all corners, 13°-50'E.

Lode line.

As near as can be determined from present development, the vein of this location extends N.20°-18'E. 1196.2 ft. and S. 20°-18'W. 144.0 ft. from the discovery cut.

Area. Area.

Total Area Copper Reef, 17.183 acres.

Location.

This survey is located on unsurveyed land in what will probably be, when surveyed, section 22, T. 1 N., R. 14 E., G. &. S. R. B. & M., Globe Mining District, Gila County, Arizona, in the Crook National Forest.

Adjoining and Conflicting Claims.

The Desteter lode, unsurveyed, owned by Anton Trojanovich, on the north. The Valley View lode, unsurveyed, owned by Anton Trojanovich, on the east. The Right of Way lode, unsurveyed, owned by the claimant of this survey, on the south. And the Chinese Idol lode, unsurveyed, owned by the Inspiration Northern Development Company, on the west.

Discovery and Improvements.

I hereby certify that the value of the labor and improvements made upon this claim, by the claimant, is not less than \$450.00, and that said improvements consist of: No. 1, the discovery, 33.5 ft. of cut and tunnel,

4 x 6 ft., course N.77°W., the center of the toe of which is on the lode line 144.0 ft. from the S.W.E.C. Value, \$215.00.

No. 2, cut, 4.5 x 8 x ll ft., course S.53°W., the center of the toe of which bears N.73°-17'W. 46.4 ft. from a point on the lode line 192.1 ft. from the S.W. E.C. Value, \$35.00.

No. 3, a cut averaging 5 x 7 x 19 ft., the center of the face of which bears S.37°-54'W. 177.0 ft. from Cor. No. 4, and which extends thence S.44°W. 9.0 ft.; thence S.89°W. 10.0 ft. to toe. Approximately the northeasterly four feet of this cut was not made/or at the expense of the claimant, and in estimating the value of the improvement this portion of the cut is not credited to the claim. Value of work done by the claimant, \$100.00.

No. 4, cut averaging 3 x 8.5 x 21 ft., course S.30°W. the center of the northeast end of which bears S.31°-53'W. 174.7 ft. from Cor. No. 4. Value \$100.00.

At the present time there is not work sufficient on this claim to meet the required \$500.00 expenditure. Prior to the expiration of the period of publication I will report additional work which is to be performed.

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Instrument and Determination of Meridian. This survey was made with a $6\frac{1}{4}$ inch Berger transit. The courses were deflected from the true meridian as determined by direct Solar observation. The distances were measured with a 660 ft. steel tape.

Report.

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The side and end lines of this claim and all tie lines were run direct upon the ground.

U.S.I.M. No. 2652, to which tie is given from Cor. No. 1, is a pine post, 6 x 8 ins., showing 6 ft. out of the ground, surrounded by a monument of stone, 6 ft. base

and 3 ft. high, scribed U.S.L.M. 2652.

The disagreement between these notes and the location notice is due to error in the notice.

Edwin I Stewars
U.S. Mineral Surveyor.

Globe, Arizona, June 9, 1919.

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FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of	A list of the hames of	. the marviauals em	ployed byRdW1II	T. Drewart
boundaries described in the foregoing field notes of the survey of the mining claim of	United States Mineral Su	rveyor, to assist in	running, measuring, and	marking the lines, corners, and
known as the COPPER REAF Lode and showing the respective capacities in which they acted. L. Ol. Balana Chainman. Chainman. Chainman. FINAL OATHS OF ASSISTANTS. We, I, I.W.Bohme, sad. do solemnly swear that we assisted Edwin T. Stewert , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M.S. Brooke known as the COP SE REAF Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arize on o. Chainman. L. Ch. Balana Chainman. Plagman Subscribed and sworn to by the above-named persons before me this. Sin day of June 199				
known as the COPPER REEF Lode and showing the respective capacities in which they acted. L. Ch. Balany Chainman. Chainman. Flagman. FINAL OATHS OF ASSISTANTS. We, I. L. M. Bohme. swit do solemnly swear that we assisted Edwin T. Stewart United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M. E. Brooke known as the COPPER REEF Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizoria. L. Chainman. Chainman. Chainman. Chainman. Chainman. Chainman. Aumon. Flagman Subscribed and sworn to by the above-named persons before me this. Aumon. 19 19 2				
Agraem. FINAL OATHS OF ASSISTANTS. We, I, I.W. Bohne, and do solemnly swear that we assisted Adwin T, Stewart United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M. B. Brooke known as the COPLER REAF Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona. Chainman. Annau. Flagman Subscribed and sworn to by the above-named persons before me this. day of June 19. Hy Commission Expires Facility Chainman. Annau. Flagman				
LOA. Baland, Chainman, Chainman. Arman. Flagman. Final Oaths of Assistants. We,I, L.W. Bohne, and Jo solemnly swear that we assisted Edwin T. Stewert, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Known as the COPLER REAF Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor General for LON. Baland. Chainman. Arman. Flagman Subscribed and sworn to by the above-named persons before me this Asman. Flagman Subscribed and sworn to by the above-named persons before me this Asman.				
FINAL OATHS OF ASSISTANTS. We, I, L. W. Bohme, I, do solemnly swear that we assisted Edwin T. Stewart United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M. E. Brooke known as the COPER REAF Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizana, Chainman. Chainman. Subscribed and swown to by the above-named persons before me this 5th day of June 1919. My Commission Expires	and showing the respective	e capacinies in which		
FINAL OATHS OF ASSISTANTS. We,I, L. W. Bohme,				
FINAL OATHS OF ASSISTANTS. We, I, L.W. Bohme,				
FINAL OATHS OF ASSISTANTS. We, I, L.W. Bohme, and do solemnly swear that we assisted dawin T. Stewart , United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M. E. Brooke known as the			***************************************	, Axman.
We, I, L. W. Bohme, and				, Flagman.
We, I, L. W. Bohme, and		<u> </u>		
### do solemnly swear that we assisted ###################################	FI	NAL OATH	S OF ASSISTA	ANTS.
According to both the United States Surveyor General for Arizana. Subscribed and sworn to by the above-named persons before me this. According to Make assisted. June And a Walkana According to Law and Linear Law and According to Law and Law an	We, I. L. W. Bol	ıme,		
the boundaries of the mining claim of				
known as the				
known as the				
known as theCOPPLER_REAF_Lode represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for	the boundaries of the mini	ng claim of	M. P. Brooke	
represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for				
direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for				8
and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for	represented in the foregoin	g field notes as havi	ng been surveyed by said	mineral surveyor and under his
Subscribed and sworn to by the above-named persons before me this 6th day of June ,19 19. My Commission Expires Arizona Arizona Chainman. Flagman	direction; and that said sur	vey has been in all r	espects, to the best of our	knowledge and belief, faithfully
Subscribed and sworn to by the above-named persons before me this 6th day of June , 19 19. My Commission Expires Axman. 19 19.	and correctly executed, and	the corner and bounds	ary monuments established	according to law and the instruc-
Subscribed and sworn to by the above-named persons before me this 6th day of June ,19 19. My Commission Expires Axman. Flagman Ayman. At the subscribed and sworn to by the above-named persons before me this 6th Axman. Flagman	tions furnished by the Unite	d States Surveyor-Ge	neral for Ari	z.o.n.a
Subscribed and sworn to by the above-named persons before me this 6th day of June ,19 19. My Commission Expires Axman. Flagman Ayman. At the subscribed and sworn to by the above-named persons before me this 6th Axman. Flagman			Lon, U	Baling Chainman
Subscribed and sworn to by the above-named persons before me this 6th day of June , 19 19. My Commission Expires Fula Wolfenson				
Subscribed and sworn to by the above-named persons before me this 6th day of June , 19 19. My Commission Expires Fuda Wolfenson				
Subscribed and sworn to by the above-named persons before me this 6th day of				
day of June , 19 19. My Commission Expires Fuda Wolcuman				
My Commission Expires Frida W Chiman				before me this 6th
	da	y of <u>June</u>	, 19 19.	
(- - 7 !				
6d-31, 1921 Notary Public.	6d-31,1921	gan-agummyan-hogupus	Note	ry Public.

FINAL OATH OF U.S. MINERAL SURVEYOR.

I, Edwir	1 T.Stewart	, U. S. Mineral Surveyor,
do solemnly swear that,	in pursuance of	instructions received from the United States
		, dated
		, I have, in strict conformity to the laws of the
		instructions thereunder, and the instructions
		correctly executed the survey of the Mining
		, known as the
	COPPER REEF	Lode ,
situate in	Globe	Mining District,
Gila		County, Arizona, approx., in Section
22 , Township unsurveyed, in the and designated as Survey in the foregoing field not as distinctly marked by nof the location certificate said instructions, and that petuated in strict according under; and I do further field notes of said survey improvements made upon are as therein fully state thereof are specified there said labor or improvements	No. 1 No. Ra Crook Nation of No. No. Ra ces, which accurate monuments on the monuments on t	nge No. 3559, as represented ely show the boundaries of said mining claim a ground, and described in the attached copy wed by me from the Surveyor General with of said survey have been established and perwo, official regulations and instructions therethat the foregoing are the true and original therein, and that the labor expended and m by claimant or her grantors character, extent, location, and itemized value arity and full detail, and that no portion of this claim has been included in the estimate
		Edwin I. Sluvari U. S. Mineral Surveyor.
Subscribed and sworr	to by the said	Edwin T. Stewart
		THE TANK TO SERVE TO
		thisth_ds=-
day of June		
My Commission H		
Oct 31,192	_	Frida M. Echenan
6—1044		Notary Public

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

	F	Phoenix,	Arizona,	
			Au	gust 14 , 191 9
I, U. S. Surveyor-Ge	eneral for DIS	STRICT O	F ARIZONA,	
do hereby certify that th	e foregoing transcrip	ot of the Fie	eld Notes, return	and approval of the survey
of the mining claim of				
	M. E.	BROOKE	· 	
known as the	COPPER RI	EEF Lode		
situate in	GIA	OBE		
Mining District,	GILA		County,	ARIZONA
in Section approx. 2	2, Township No	1 N.,	, Range No	14 E., and
designated as Survey No	3559	, has been	correctly copied	from the originals on file in
this office; that said Fie	ld Notes furnish suc	ch an accura	te description of	said mining claim as will, if
incorporated into a pater	t, serve fully to iden	tify the pre	nises, and that s	uch reference is made therein
	less than fy that five hundred	l dollars' wo	orth of labor has	e locus thereof. s been expended or improve- and that said improvements
				1, total value

				the estimate of expenditures
	and rapor or improve	ements nas	been meradea in	one estimate of expenditures
upon any other claim.	1 1 1 1 6 61	1. 3 to 41 TI	C Ta1 Off as a	Phoenix.
				ht Phoenix,
Arizona,	is correct an	id in confort	nity with the for	egoing Field Notes.
		Fran	k P. Trott.	
	Timited St	ates Surveyor	General for Ari	zona.

SURVEYOR=GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

	Phoenix, Arizona,	5
		August 14 , 191 9
I, U. S. Surveyor-General for	DISTRICT OF	ARIZONA,
do hereby certify that the foregoing a	nd hereto attached Field N	Notes and Return of the Survey of the
Mining Claim of		
	M. F. BROOKE,	
		, known as the
	COPPER REEF Lode	*
situate in	GLOBE	mining district,
GILA,	County,	ARIZONA,
in Section Approx. 22, Town	aship No	, Range No. 14 E.
, designated as 8	Survey No. 3559.	
executed byRdwin_T	Stewart	, United States Mineral
Surveyor, May 26-27,		., 191.9, under my instructions dated
May 22,	, 191.9, have been critic	eally examined and the necessary cor-
rections and explanations made, and	the said Field Notes and I	Return, and the Survey they describe,
are hereby approved. A true copy of	the copy of the location	certificate filed by the applicant for
survey is included in the field notes.		
	Fran	al Alion
	U.S. Surveyor	General for Arizona.

6-3824

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for
do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or her grantors, upon the mining claim of M. E. Brooke known as the COPPER REEF Lode situate in Globe mining district, Gila County, Arizona, Approximately in Section 22 , Township No. 1 N. , Range No. 14 E., Unsur.
improvements made by claimant or her grantors, upon the mining claim of M. E. Brooke known as the COPPER REEF Lode situate in Globe mining district, Gila County, Arizona, Approximately in Section 22 , Township No. 1 N. Range No. 14 E., Unsur.
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situate in Globe mining district, Gila County, Arizona, Approximately in Section 22 , Township No. 1 N. , Range No. 14 E., Unsur.
Gila County, Arizona, Approximately in Section 22 , Township No. 1 N. , Range No. 14 E., Unsur.
in Section 22 , Township No. 1 N. , Range No. 14 E., Unsur.
that said improvements consist of . in addition to those reported at
time of survey, one shaft, value \$65.00.
, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Edwin T. Stewart , U.S. Deputy Mineral Surveyor, dated
August 24 , 1 920, is hereto attached.
A var
Grend Strat
U.S. Surveyor General for Arizona.
Office of U. S. Surveyor General,
Phoenix, Arizona,

SUPPLEMENTAL REPORT OF IMPROVEMENTS MADE ON THE COPPER REEF LODE, MINERAL SURVEY, NO. 3559, SUBSEQUENT TO THE EXECUTION OF SAID SURVEY.

I certify that the value of the labor and improvements made upon the Copper Reef Lode, Mineral Survey No. 3559, by the claimant, is not less than Five Hundred Dollars, and that said improvements, in addition to those reported in the returns of said survey, dated June 9, 1919, consist of:

A shaft, 5 x 5 x 7 ft., which has been sunk from the floor of the cut and tunnel, improvement No. 1, the center of the southeast side of which bears N.77°W 16.5 ft. from the center of toe of cut. Value \$65.00, which increases the value of improvement No. 1 from \$215.00 to \$280.00.

Edwin J. Stewark

United States Mineral Surveyor.

Subscribed and sworn to before me this 24th day of August, 1920.

S. B. Feland
Notary Publica

My Commission Expires - Feb 12 1923